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998-5831

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Power solutions for your home and office

Energy-efficient battery backups, surge protectors, and AV solutions: APC by Schneider Electric has you covered!

APC™
by Schneider Electric

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Power protection and power savings

Everyone needs—and loves—electronics. Whether protecting critical work files, "DVRing" your favorite show, or storing a year's worth of special photos, you depend on your electronics every day, all day. It's only natural that you invest a great deal of time and effort in the many engaging technologies throughout your home or small office. It takes a split second, however, to compromise your important files, equipment availability, and connectivity.

Foruntately, APC by Schneider Electric™ understands how to prepare your home or office for the many culprits that place your computer and other electronics at risk. We offer reliable end-to-end solutions, ranging from battery backup to surge protection, to keep you up and running at all times—even in the face of unexpected power surges or sudden loss of power.

We also recognize that 24/7 availability means increased energy use. That's why we deliver truly energy-efficient battery backups and surge protectors purposefully designed to cut your day-to-day electricity costs—all the while minimizing your own personal carbon footprint.

Now is the time to join the 30 million satisfied customers who rely on our Legendary Reliability™. We keep your electronics up and your energy use down.

What is a power event? Power events encompass sags, surges, electrical noise, spikes, and blackouts—all capable of damaging your equipment or data—either instantly or over time. Voltage spikes, for example, can travel over utility or data lines in a fraction of a second and damage your computer's internal circuitry or worse—destroy items in your memory, like digital libraries, music, business, or personal files.

What is battery backup?

Battery backup units allow you to continue using your computer system during utility power problems like outages or when utility voltage fluctuates outside of safe levels. In these cases, the battery backup unit will instantly switch your computer and connected peripherals to battery power so you can continue to work without interruption.

Another main function of a battery backup is protecting your computer and peripherals from surges that travel along both utility and data lines. These surges can damage hardware components and destroy your stored data, like music, business files, or pictures.

Using a battery backup also allows you to enjoy the benefits that come with installing auto shutdown software on your computer, like configuring your system for unattended graceful shut down, logging power issues, and silencing late night alarms.

What does battery backup do for you?

- Protects you from all power problems.
- Eliminates interruptions due to power problems.
- Preserves valuable data on your hard drive.
- Prevents loss of valuable data, including digital photos, MPEG files, music libraries, etc., caused by power interruptions.
- Saves time in resetting DVRs, rebooting media PCs, etc.
- Guarantees picture quality during brownouts and blackouts.
- Provides maximum availability for VoIP 911 service.

Power anomaly:	**Oscillatory transient (surge)** Very short (1-3 cycles) increased distortion of voltage waveform.	**Impulse transient (spike)** Dramatic and instantaneous increase in voltage.	**Noise interference** Electromagnetic and radio frequency interference (EMI/RFI).	**SAG/Swell (brownout and overvoltage)** Sustained low or high RMS voltage levels.	**Blackout** RMS voltage goes to zero.	**Voltage distortion** RMS voltage waveform distorted.
Typical cause of disturbance:	Grid overload, utility switching, starting/ stopping of large household appliances.	Lightning	Generated by appliances, HAM radios, nearby radio stations, and AV equipment.	Too much demand on electric utility; running larger household appliances.	Overloaded utility network, storm activity, downed power lines, animal infestation.	Powering household appliances and power tools.
Effect on components:	Stresses power supplies and/or causes premature failure.	Catastrophic failure.	N/A	Stresses power supplies by forcing larger current draws; may result in premature failure due to increased stress.	Entertainment becomes unavailable or is interrupted; DVR recordings are lost or missed; presets are lost; hard drives may be damaged or data lost; security and home automation systems become inoperable.	Stresses power supplies.

Back-UPS series battery backup units

The Back-UPS™ series is the perfect desktop backup unit for a wide variety of home and office needs. It protects computers, but it is also used to safeguard gaming consoles, DVRs, modems, routers, and more. And there are two different styles to choose from, based on your preference and work area: floor or tower styles.

Floor models provide easier access to outlets, all of which are located on the top of the unit. This style is available in small to medium sizes.

Tower models require a smaller footprint in your work area, and they have rear outlets to limit access so that important equipment doesn't get unplugged accidentally. This style is available in medium to larger sizes.

Tower model
BX1500G

Floor model
BE750G

Power-saving Back-UPS

It's no secret that power is unreliable. That's why customers like you have counted on APC Legendary Reliability for more than 30 years. Our continuous power Back-UPS solutions keep your important home and office equipment running at all times.

And now APC can help improve your home or office energy efficiency as well. How? Many of our Back-UPS products now have a power-saving feature that will automatically shut off power to idle peripherals after your computer has been turned off or has gone into sleep or standby modes. Just plug your computer into the master outlet, and plug peripherals like speakers, printers, or external storage drives into the controlled outlets to have them automatically turn off when they are not being used, saving needless electricity waste.

And this power savings adds up quickly. Depending on your exact computer system, your expected savings will be between $25 and $50* per year per Back-UPS! Now you can protect your hardware, data, and the environment.

Energy-efficient power protection

In our constant drive to be a leading socially responsible company, we have developed several Back-UPS with active energy-efficient features. In addition to their power-saving master/controlled outlets, these units have high efficiency chargers that optimize power use. All units also meet the strictest global environmental standards and some use packaging made from recycled materials.

*Savings based on three hours of daily computer use, electricity cost of $0.10/kwhr, with speakers, an all-in-one printer, and external storage drive plugged into the controlled outlets

The threat of vampire loads

Beware. There's something lurking in your home or small office called a vampire load. Also called the dark load, this electricity load corresponds to the huge amount of energy your electronics consume when not actively in use. This wasteful load drains energy and, in turn, unnecessarily increases your electricity bill.

APC offers the best defense against such vampire loads: the BE750G, BX1000G, BX1300G, and BX1500G. These energy-efficient battery backup units feature unique, power-saving master/controlled outlets that automatically shut off power to controlled outlets when the computer plugged into the master outlet is deemed asleep. So your computer, printer, scanner, and other peripherals all can sleep efficiently—without the threat of wasteful vampire loads.

Most people are susceptible to vampire loads. Specifically, more than 80 percent of users disable computer power management settings within 90 days (source: Verdiem™), allowing the energy stealth drain to happen.

*Savings assumptions: Three hours of computer use per day (21 hours of idle time); $0.10 per kw/hr; all-in-one printer, speakers, and external storage device in the controlled outlets.

Energy cost savings Power savings means cost savings, about enough to pay back the cost of the BX1300G or BX1500G in three to four years, or $144 and $150, respectively. This savings accumulates primarily over the life of the equipment's three-year warranty coverage, giving you the added benefit of saving money while your equipment is guaranteed.

Back-UPS floor style models

The Back-UPS floor style models offer the best value for protecting your home or home office computer systems, giving you peace of mind that your invaluable documents, photos, and music libraries are safe. Units are priced affordably yet provide enough extended runtime to allow you to work through short and medium power outages. They also safeguard your equipment from damaging surges and spikes. Most models feature safe system shutdown, with USB interface, and a $75,000 equipment protection policy.

BE350G

- 6 outlets (3 battery backup and surge; 3 surge only)
- 350 VA/200 W
- 15 minutes maximum runtime
- High efficiency charging system
- Telephone protection
- 3-year warranty with $75,000 equipment protection policy

BE450G

- 8 outlets (4 battery backup and surge; 4 surge only)
- 450 VA/257 W
- 32 minutes maximum runtime
- High efficiency charging system
- Auto shutdown software
- Telephone protection
- 3-year warranty with $75,000 equipment protection policy

BE550G

- 8 outlets (4 battery backup and surge; 4 surge only)
- 550 VA/330 W
- 43 minutes maximum runtime
- High efficiency charging system
- Auto shutdown software
- Telephone protection
- 3-year warranty with $75,000 equipment protection policy

BE650G1

- 8 outlets (4 battery backup and surge; 4 surge only)
- 650 VA/390 W
- 62 minutes maximum runtime
- High efficiency charging system
- Auto shutdown software
- Telephone protection
- 3-year warranty with $75,000 equipment protection policy

BE750G

- Active energy-efficient features, including power-saving outlets that shut off power to peripherals when the computer is not in use
- 10 outlets (5 battery backup and surge; 5 surge only)
- 750 VA/450 W
- 70 minutes maximum runtime
- High efficiency charging system
- Auto shutdown software
- Telephone/network/coax protection
- 3-year warranty with $75,000 equipment protection policy

BE550G

BE750G

Back-UPS tower style models

The Back-UPS tower style models provide power protection for high-performance home and small office electronics. They offer power-saving features and great runtime in a small footprint. Automatic voltage regulation (AVR) ensures that your equipment receives only clean, stable electricity so you don't overtax the battery. And all models feature auto system shutdown and a $150,000 equipment protection policy.

BR1000G

- 8 outlets (4 battery backup and surge; 4 surge only)
- 1000 VA/600 W
- 75 minutes maximum runtime
- Auto shutdown software
- Telephone/network/coax protection
- $150,000 equipment protection policy

BR1500G

- 10 outlets (5 battery backup and surge; 5 surge only)
- 1500 VA/865 W
- 164 minutes maximum runtime
- Auto shutdown software
- Telephone/network/coax protection
- $150,000 equipment protection policy

BR1300G

- 10 outlets (5 battery backup and surge; 5 surge only)
- 1300 VA/780 W
- 140 minutes maximum runtime
- Auto shutdown software
- Telephone/network/coax protection
- $150,000 equipment protection policy

BR1000G BR1300G BR1500G

> **2/3** of the typical energy used by an office computer is wasted because it is on when no one is there to use it. (source: Verdiem)

? **In the dark?** Not anymore! Some units in the XS family boast an LCD display with comprehensive UPS status information so you're never really left in the dark when it comes to your battery charging status, available runtime, overall power load, and any power events.

Surge protection with added benefits

When you think of power surges (or transients), you probably think of lightning. Power companies can prompt power transients as well when they make necessary voltage output adjustments to accommodate strained grids. Even everyday appliances within your own home or business can generate dangerous transients that over time can lead to equipment failure.

Whether natural or man-made, any power surge is dangerous for your hardware and data. So protecting your equipment with award-winning APC surge protectors is a wise decision. And if you care about energy efficiency, we have several power-saving models within each product family. These green surge protectors feature energy-efficient outlets that automatically power off peripherals connected to your computer when it is asleep, turning them back on only when needed. Our legendary power protection has gotten green!

Battery backups vs. surge protectors: what's the difference? Batteries! Both products provide surge protection, but battery backups allow your equipment to stay on through brief outages.

Power-saving surge protectors

Pay for themselves by automatically turning off power to idle equipment to save energy and money.

P4GC wall tap with LCD timer

- 4 surge-protected outlets
- 1080 joules
- All outlets controlled by LCD timer
- Lifetime warranty and lifetime $50,000 equipment protection policy

P6GC with LCD timer

- 6 surge-protected outlets
- 1080 joules
- 2.5’ cord
- 5 outlets controlled by LCD timer
- Lifetime warranty and lifetime $50,000 equipment protection policy

P7GB with master/ controlled outlets

- 7 surge-protected outlets
- 1080 joules
- 4’ cord
- 3 controlled by master outlets
- Lifetime warranty and lifetime $50,000 equipment protection policy

P8GT with master/ controlled outlets

- 8 surge-protected outlets
- 2525 joules
- 6’ cord
- 4 controlled by master outlets
- Phone/fax/modem line protection jacks
- Lifetime warranty and lifetime $150,000 equipment protection policy

P11GTV with master/ controlled outlets

- 11 surge-protected outlets
- 3400 joules
- 8’ cord
- 7 controlled by master outlets
- Phone and video line surge protection jacks
- Lifetime warranty and lifetime $300,000 equipment protection policy
- Smart power tracking ensures compatibility for both AV and computer applications

Programmable LCD timers APC now offers two units—the P4GC and the P6GC—with easy-to-program LCD timers that can help you lower your electricity use. The LCD timer allows you to easily set the time of day and days of the week (up to six programs) for turning the timer-controlled outlets off and on. By turning off power when devices or chargers are not being used, you can save energy and money!

Additional surge protectors

APC offers a wide range of protection solutions to meet any customer need.

P1T
- 1 outlet
- 320 joules
- Telephone line surge protection jacks
- Lifetime warranty and lifetime $50,000 equipment protection policy

P6B
- 6 outlets
- 840 joules
- 6’ cord
- Lifetime warranty and lifetime $50,000 equipment protection policy

P74
- 7 outlets
- 840 joules
- 4’ cord
- Lifetime warranty and lifetime $50,000 equipment protection policy

P8T3
- 8 outlets
- 2700 joules
- 6’ cord
- Telephone line surge protection jacks with 2-way splitter
- Coaxial cable surge protection jacks
- Lifetime warranty and lifetime $150,000 equipment protection policy

P8VT3
- 8 outlets
- 2700 joules
- 6’ cord
- Telephone line surge protection jacks with 2-way splitter
- Coaxial cable surge protection jacks
- Lifetime warranty and lifetime $150,000 equipment protection policy

P11VNT3
- 11 outlets
- 3020 joules
- 8’ cord
- Telephone line surge protection jacks with 2-way splitter
- Network dataline surge protection jacks
- Coaxial cable surge protection jacks
- Lifetime warranty and lifetime $300,000 equipment protection policy

P1T

P6B

P74

P8T3

P8VT3

P11VNT3

Master/controlled outlets When your computer plugged into the master outlet turns off or goes to sleep, the controlled by master outlets turn off, thereby saving you energy and money.

Sleek AV power protection, conditioning, and battery backup

Today's home environment requires backup power and surge protection for more than just your computer. Home electronics—from HD televisions to gaming systems to DVR boxes—can be harmed just as easily and irreparably by power threats and fluctuations. Not only is there a threat of physical harm; power disturbances and transients can harm your system's performance as well. In short, your home theater experience begins and ends with power.

The APC line of AV power protection, conditioning, and battery backup solutions will safeguard your system and experience from these threats. These products are designed specifically for the unique power demands and requirements of your AV system. What's more, their high-class industrial design fits perfectly with your system and AV furniture.

These models were purposely designed to be inconspicuous. The wall tap units had the rear cut out to fit around a duplex wall plate to help ensure the lowest profile possible. Outlet banks are angled outwards at 15 degrees to still enable the use of block plugs. The P8V and P8VNTG have the outlets along the top to allow people to push their entertainment furniture as close to the wall as possible. Alternatively, these models can be placed on the shelf next to the equipment with the cords dressed to the rear and the LEDs clearly visible from the front of the equipment.

APC J25B power conditioner with battery backup shown.

AV surge protectors

P4V
- 4 outlet wall tap
- 1700 joules
- Coaxial cable surge protection jacks
- Lifetime warranty and lifetime $25,000 equipment protection policy

P6V
- 6 outlet wall tap
- 1700 joules
- Illuminated outlets to help plug-in when it's dark
- Coaxial cable surge protection jacks
- Lifetime warranty and lifetime $25,000 equipment protection policy

P8V
- 8 outlets
- 4720 joules
- Coaxial cable surge protection jacks
- Lifetime warranty and lifetime $100,000 equipment protection policy

P8VNTG
- 8 outlets
- 4720 joules
- Master/controlled outlets save energy and money
- Illuminated outlets to help plug-in when it's dark
- Coaxial cable surge protection jacks
- Network data line surge protection jacks
- Telephone line surge protection jacks
- Lifetime warranty and lifetime $100,000 equipment protection policy

P6V

P8VNTG

Illuminated outlets eliminate the risky "feel and plug" approach to plugging in equipment.

Master/controlled outlets with smart power tracking When your TV plugged into the master outlet is turned off, the controlled by master outlets are auto powered off to help you save energy and money. The smart power tracking aspect means this energy-saving feature will work no matter what is used as the master device.

Power solutions for sophisticated AV systems

High-end AV systems depend on reliable, available power just as any computer system or network does. Poor power can have a noticeable impact on sound and video quality. Component power supplies and electrical circuits can be stressed or even destroyed outright. Power outages can result in the loss of system presets and in missed DVR recordings. And the growing presence of hard drives and network connectivity makes AV systems even more susceptible to damage or compromised performance as the result of power disturbances. Which level of protection do you need?

Features	AV surge protectors	C Type	G Type	H Type	J Type
Protects from damaging power transients.	✓	✓	✓	✓	✓
Filters noise for maximum sound and picture quality.	✓	✓	✓	✓	✓
Protects equipment and its performance from fluctuating voltage levels.				✓	✓
Eliminates interruptions when the power goes out.					✓
Protects recordings stored on DVRs, game consoles, and media servers.					✓
Prevents satellite receiver and cable box lockup.					✓
Saves energy and money.	✓*				✓*

*Select models have feature/benefit.

C Type power filters

- Guaranteed protection from dangerous power transients.
- Eliminates electromagnetic and radio frequency interference (EMI/RFI) as a source of AV signal degradation.
- Protects from transients traveling over data lines.
- C2 model specifically designed to be used behind wall-mounted projectors.
- Lifetime product warranty and equipment protection policy.

G Type rack-mount power filters

- Console style design includes rack-mounting hardware and removable support feet.
- Guaranteed protection from dangerous power transients.
- Eliminates electromagnetic and radio frequency interference (EMI/RFI) as a source of AV signal degradation.
- Protects from transients traveling over data lines.
- 9 total outlets are grouped in 4 banks that can be sequenced on/off via user-adjustable time delays.
- LCD display conveys changing unit and power conditions
- TVSS ground lug helps eliminate noisy ground loops.
- Lifetime product warranty and equipment protection policy.

H Type power conditioners

- Automatic voltage regulation (AVR) keeps voltage levels safe and steady to help protect sensitive power supplies and maximize sound and video quality.
- Guaranteed protection from dangerous power transients.
- Eliminates electromagnetic and radio frequency (EMI/RFI) as a source of AV signal degradation.
- Protects from transients traveling over data lines.
- LCD display conveys changing unit and power conditions.
- TVSS ground lug helps eliminate noisy ground loops.
- 1000 W and 1500 W models available.
- 5-year product warranty and lifetime equipment protection policy.

J Type power conditioners with battery backup

- 1500 VA (865 W) of battery backup power eliminates interruptions, saves recordings stored on DVRs, protects saved console games, and helps keep your cable/satellite boxes up and running when the power goes out.
- Automatic voltage regulation (AVR) keeps voltage levels safe and steady to help protect sensitive power supplies and maximize sound and video quality **(J35B only)**.
- Guaranteed protection from dangerous power transients.
- Eliminates electromagnetic and radio frequency interference (EMI/RFI) as a source of AV degradation.
- Protects from transients traveling over data lines.
- LCD display conveys changing unit and power conditions.
- Power-saving “master/controlled” outlets can help save energy and money **(J35B only)**.
- 3-year product warranty and lifetime equipment protection policy.

G5BLK

H15BLK

J35B

C2

Power solutions throughout your home

Where do APC by Schneider Electric power solutions work in your home? **Everywhere!**

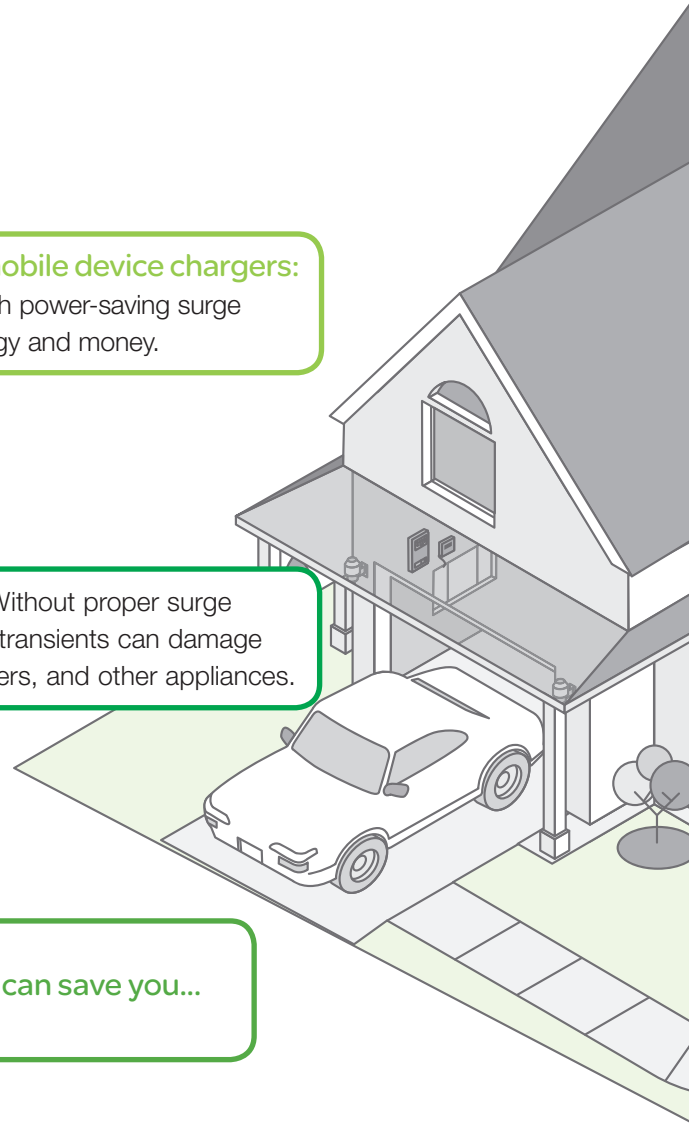
Battery backup. Power filtering. Surge protection. Voltage regulation. Energy management. APC by Schneider Electric has the right power solution for a wide range of residential and home office applications.

Whether you need energy-efficient surge protection for your mobile devices, the extra insurance of a battery backup for guaranteed availability, or power solutions designed specifically for your high-end AV equipment, we've got you covered throughout your whole home!

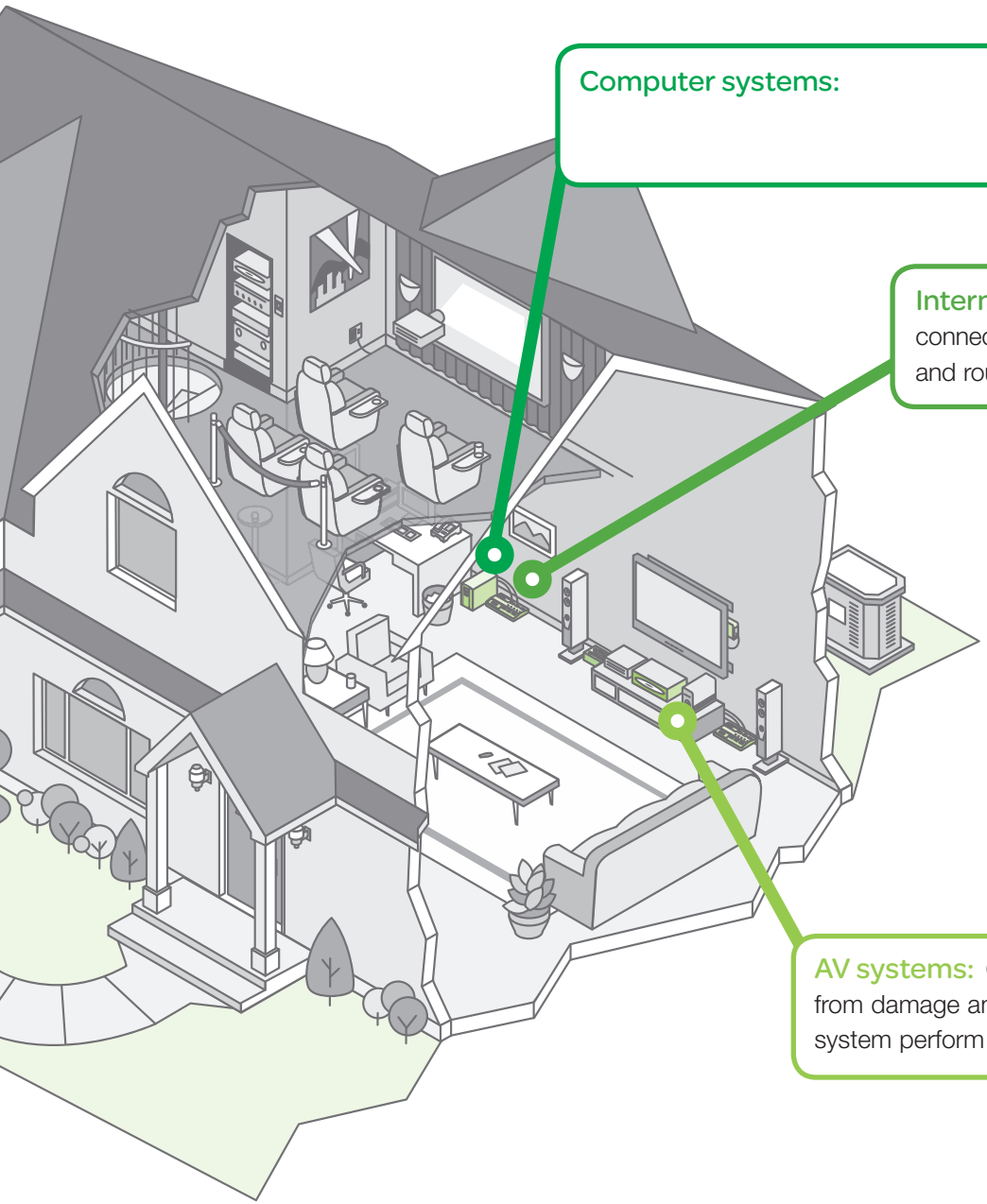
See what APC power solutions can do for you:

Smartphone and other mobile device chargers: Safely charge your devices with power-saving surge protectors that help save energy and money.

Household appliances: Without proper surge protection, dangerous power transients can damage furnaces, ovens, washers/dryers, and other appliances.



Battery backup power can save you...



Computer systems:

Internet gateway: Battery backup keeps you connected to the Internet by keeping your modem and router up and running when the power goes out.

Small electronics: Your phone, coffee machine, toaster oven, and other small electronics are susceptible to damage without proper surge protection.

AV systems: Good protection protects the equipment from damage and interruption, and it also can help your system perform to its maximum capabilities.

Upgrades, recycling, and warranties

Trade-UPS program

APC Trade-UPS™ offers new and existing customers the ability to trade in older battery backup units of any brand for the most up-to-date power protection models at discounted prices. Featuring a wide array of power protection solutions, APC will help you get the right battery backup and accessories for all your home or business computing needs.

Recycling program

If you purchased an APC replacement battery cartridge (RBC) in the United States or Canada, a prepaid shipping label will be provided to return the old battery to an APC battery disposal facility. If you did not purchase an APC replacement battery cartridge, you can either dispose of the old battery cartridge at any local battery disposal location or pay for the shipping of the old battery cartridge to one of our authorized disposal facilities. See *www.apc.com/support/contact/index.cfm* for tech support contact information.

Battery replacement program

If it has been three years, your old UPS may need a recharge. Trade in and/or replace those old UPS batteries with genuine APC RBCs and get free return shipping, not to mention an eco-friendly disposal.

In-warranty and lifetime warranty

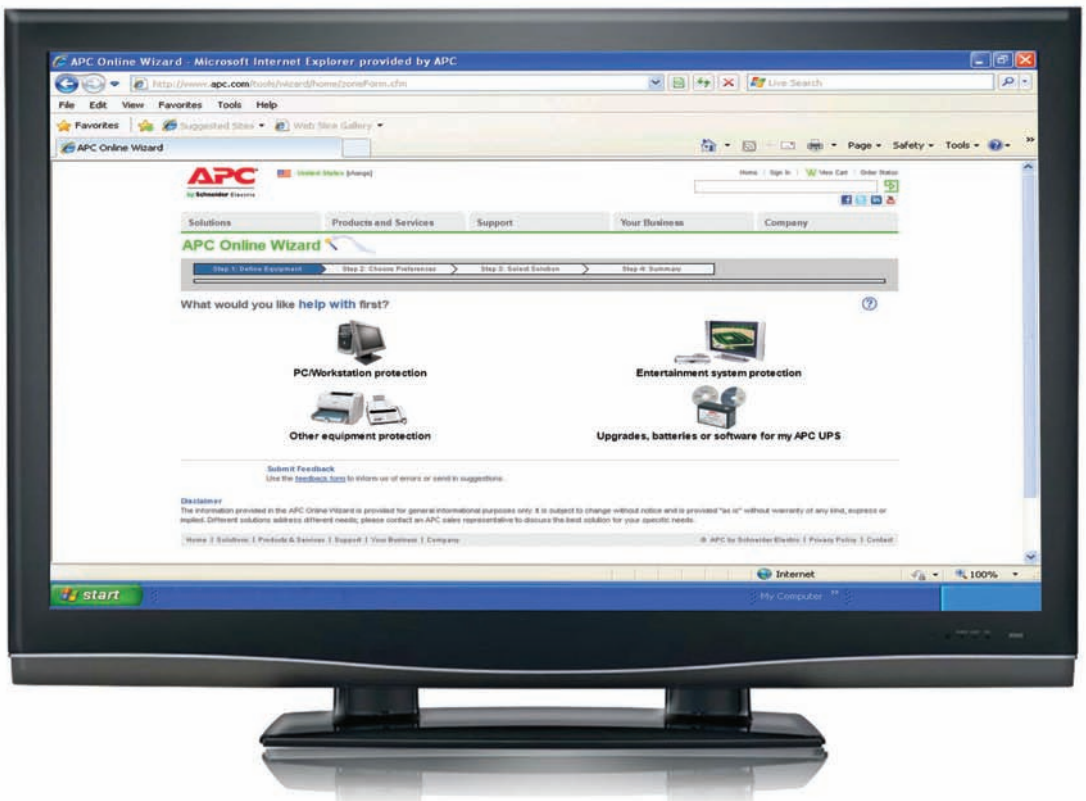
APC products are backed by comprehensive warranties and policies to afford basic peace of mind right out of the box. Most APC products ship with a standard two-year comprehensive warranty. Depending on your location or product you may instead have a one- or two-year warranty. **All APC surge protectors come with a lifetime warranty.**

Equipment Protection Policy

APC products come with an Equipment Protection Policy ranging from $75,000 to $300,000 to cover electronic equipment damaged by transients traveling on either utility or data lines on an AC power line while directly and properly connected to a standard APC product covered by the Equipment Protection Policy. Refer to the product Equipment Protection Policy for coverage information.

APC Online Wizard

Need help finding the right power solution for your home or home office?
Visit the APC Online Wizard at *www.apc.com/tools/wizard/home/zoneForm.cfm*


APC Online Wizard - Microsoft Internet Explorer provided by APC
APC Online Wizard
What would you like help with first?
PC/Workstation protection
Entertainment system protection
Other equipment protection
Upgrades, batteries or software for my APC UPS

Awards

CEDIA 2009 Electronic Lifestyles Award Winner

Innovations International CES Design & Engineering Showcase Honors 2009

CustomRetailer EXCITE

ElectronicHouse 2008 Product of the Year

Reseller Choice Awards WINNER 2009

SCN Installation Products Award InfoComm 2009

TechHome Mark of Excellence Platinum

Audioholics 2007 CE Awards WINNER